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filltex

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DOI:

[10.21105/joss.00222](https://doi.org/10.21105/joss.00222)

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Document Version

Publisher's PDF, also known as Version of record

Citation for published version (Harvard):

Gerosa, D & Vallisneri, M 2017, 'filltex: automatic queries to ADS and INSPIRE databases to fill LaTeX bibliography', *The Journal of Open Source Software*, vol. 2, no. 13, 222. <https://doi.org/10.21105/joss.00222>

[Link to publication on Research at Birmingham portal](#)

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Checked for eligibility: 16/05/2019

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filltex: Automatic queries to ADS and INSPIRE databases to fill LaTeX bibliography

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Summary

`filltex` is a simple tool to fill LaTeX reference lists with records from the ADS and INSPIRE databases. ADS (“SAO/Nasa Astrophysics Data System,” n.d.) and INSPIRE (“High-Energy Physics Literature Database,” n.d.) are the most common databases used among the theoretical physics and astronomy scientific communities, respectively. `filltex` automatically looks for all citation labels present in a tex document and, by means of web-scraping, downloads all the required citation records from either of the two databases. `filltex` significantly speeds up the LaTeX scientific writing workflow, as all required actions (compile the tex file, fill the bibliography, compile the bibliography, compile the tex file again) are automated in a single command. We also provide an integration of `filltex` for the macOS LaTeX editor TexShop (“Cocoa Tex Previewer for macOS,” n.d.).

References

- “Cocoa Tex Previewer for macOS.” n.d. <http://pages.uoregon.edu/koch/texshop>.
- “High-Energy Physics Literature Database.” n.d. <http://inspirehep.net>.
- “SAO/Nasa Astrophysics Data System.” n.d. <http://adsabs.harvard.edu>.